

REMARKS

Request for Reconsideration, Informal Matters & Claims Pending

The application is pending subject to a non-final Office action mailed on 15 June 2009. Reconsideration in light of any amendments above and the discussion below is respectfully requested.

The specification has been amended grammatically and idiomatically. No new matter has been added. A substitute specification and a marked-up copy thereof are attached.

An extension under 37 CFR 1.136(a) has been obtained.

Claims 1-10, 25-26 and 32-35 are pending.

Arguments re: Bode

Rejection Summary

Claims 32-35 stand rejected under 35 USC 102(e) for alleged anticipation by U.S. Patent No. 6,184,824 (Bode).

Discussion of Claim 32

Claim 32 was amended to indicate that the satellite positioning system navigation data issue identifier in a "master information block". Support for the amendment is found at paragraph [0025] of the amended

specification and is fully supported by the original specification. Bode fails to disclose a

... method in a satellite positioning system enabled wireless communication station, the method comprising:
receiving a satellite positioning system navigation data issue identifier in a master information block at the satellite positioning system enabled wireless communication station,
the satellite positioning system navigation data issue identifier comprising a data field;
identifying a data issue associated with a particular satellite using the satellite positioning system navigation data issue identifier.

Bode does not receive a "satellite navigation data issue identifier in a master information block...." At col. 3, lines 20-23, Bode describes a satellite receiver that obtains ephemeris data from a navigation satellite. At col. 3, lines 23-27, Bode describes the frame structure of a signal received from a satellite wherein the first three frames include information regarding the position and time of the satellite and the fourth frames includes ephemeris data. The ephemeris data includes the current orbit and operating parameters of active satellites. Bode does not disclose receiving ephemeris data or any other information in a "master information block". Bode receives the ephemeris data in a 50 baud navigation message transmitted by a satellite. A "master information block" is a message sent to the wireless communication over a wireless communication network as described in paragraph 5-6 of the amended specification. Moreover, there is no indication that the ephemeris data described by Bode includes a "satellite navigation data issue identifier". Claim 32 is thus patentably distinguished over Bode.

Discussion of Claim 33

Claim 33 was amended to include the further act of determining whether to update a navigation assistance message based on the data issue identifier. Support for the amendment is found at paragraph [0026] of the amended specification and is fully supported by the original specification. Bode fails to disclose in combination with Claim 32

... identifying the data issue associated with the particular satellite using the data field of the satellite positioning system navigation data issue identifier,
determining whether to update a navigation assistance message based on the data issue identifier.

Bode does not disclose or describe a "navigation assistance message" or the use of a data issue identifier for determining whether to update a navigation assistance message. Claim 33 is thus further patentably distinguished over Bode.

Discussion of Claim 34

Claim 34 was amended to indicate that the satellite positioning system navigation data issue identifier in a "master information block". Support for the amendment is found at paragraph [0025] of the amended specification and is fully supported by the original specification. Bode fails to disclose a

... satellite positioning system enabled wireless communication station comprising:

a receiver of the satellite positioning system enabled wireless communication station configured to receive a satellite positioning system navigation data issue identifier in a master information block,
the satellite positioning system navigation data issue identifier comprising a data field;
the satellite positioning system enabled wireless communication station configured to identify a data issue associated with a particular satellite using the satellite positioning system navigation data issue identifier.

Bode does not receive a "satellite navigation data issue identifier in a master information block...." At col. 3, lines 20-23, Bode describes a satellite receiver that obtains ephemeris data from a navigation satellite. At col. 3, lines 23-27, Bode describes the frame structure of a signal received from a satellite wherein the first three frames include information regarding the position and time of the satellite and the fourth frames includes ephemeris data. The ephemeris data includes the current orbit and operating parameters of active satellites. Bode does not disclose receiving ephemeris data or any other information in a "master information block". Bode receives the ephemeris data in a 50 baud navigation message transmitted by a satellite. A "master information block" is a message sent to the wireless communication over a wireless communication network as described in paragraph 5-6 of the amended specification. Moreover, there is no indication that the ephemeris data described by Bode includes a "satellite navigation data issue identifier". Claim 34 is thus patentably distinguished over Bode.

Discussion of Claim 35

Claim 35 was amended to include the further act of determining whether to update a navigation assistance message based on the data issue

identifier. Support for the amendment is found at paragraph [0026] of the amended specification and is fully supported by the original specification. Bode fails to disclose in combination with Claim 34

... the satellite positioning system enabled wireless communication station configured to identify the data issue associated with the particular satellite using the data field of the satellite positioning system navigation data issue identifier

the satellite positioning system enabled wireless communication station configured to determine whether to update a navigation assistance message based on the data issue identifier.

Bode does not disclose or describe a "navigation assistance message" or the use of a data issue identifier for determining whether to update a navigation assistance message. Claim 35 is thus further patentably distinguished over Bode.

Allowed & Allowable Subject Matter

Claims 1-10 and 25-26 are allowed or were indicated as being allowable.

Prayer For Relief

In view of any amendments and the discussion above, the Claims of the present application are in condition for allowance. Kindly withdraw any rejections and objections and allow this application to issue as a United States Patent without further delay.

ZHAO ET AL.
"GPS Assistance Messages in Cellular
Communications Networks And Methods Therefor"
Atty. Docket No. CS90038

Appl. No. 09/785,960
Confirm. No. 2853
Examiner K. Ferguson
Art Unit 2682

Respectfully submitted,

/ ROLAND K. BOWLER II /

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